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Please and add new claims 9 to 19 as follows:

1 *Sub 1* 9. Communications apparatus for use with an electricity
2 distribution and/or power transmission network for allowing, in
3 use, a low frequency high amplitude mains electricity power
4 signal to pass from the network to a consumer's premises and for
5 input and/or removal of a telecommunication signal from the
6 network, said communications apparatus comprising:

7 a main inductor arranged between a mains electricity input
8 from said network and a mains electricity output to said
9 consumer's premises; and

10 a coupling capacitor connected between said mains
11 electricity input and a signal input/output line.

1 *2* 10. The communications apparatus as claimed in claim *9*,
2 further comprising a shunt inductor connected between ground and
3 said signal input/output line.

1 *Sub 2* 11. The communications apparatus as claimed in claim 9,
2 further comprising a shunt capacitor connected between ground and
3 said mains electricity output.

1 *4* 12. The communications apparatus as claimed in claim *9*,
2 further comprising a shunt inductor connected between ground and
3 said signal input/output line, and a shunt capacitor connected

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4 between ground and said mains electricity output.

1 ⁵
13. The communications apparatus as claimed in claim 1,
2 wherein said main inductor includes a conductor wrapped
3 separately around each of two generally parallel-spaced elongated
4 ferrite rods, and further including a shunt capacitor connected
5 between ground and an intermediate point of said conductor.

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cont'd
14. Communications apparatus for use with an electricity
distribution and/or power transmission network for allowing, in
use, a low frequency high amplitude mains electricity power
signal to pass from the network to a consumer's premises and for
input and/or removal of a telecommunication signal from the
network, said communications apparatus comprising:

a first inductor arranged between a mains electricity input
from said network and a mains electricity output to said
consumer's premises;

a series combination of a coupling capacitor and a fuse
connected between said mains electricity input and a signal
input/output line; and

a second inductor connected between said signal
input/output line and ground, said second inductor providing a
current path for blowing said fuse when said coupling capacitor
suffers a fault condition.

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1 15. The communications apparatus as claimed in claim 14,
2 further comprising a shunt capacitor connected between ground and
3 said mains electricity output.

1 ⁸16. The communications apparatus as claimed in claim ¹⁴14,
2 further comprising a series combination of a fuse and a shunt
3 capacitor connected between ground and said mains electricity
4 output.

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17. The communications apparatus as claimed in claim ⁶14,
2 wherein said first inductor includes a conductor wrapped
3 separately around each of two generally parallel-spaced elongated
4 ferrite rods, and further including a shunt capacitor connected
5 between ground and an intermediate point of said conductor.

¹⁴18. Communications apparatus for use with an electricity
2 distribution and/or power transmission network for allowing, in
3 use, a low frequency high amplitude mains electricity power
4 signal to pass from the network to a consumer's premises and for
5 input and/or removal of a telecommunication signal from the
6 network, said communications apparatus comprising:

7 a first inductor arranged between a mains electricity input
8 from said network and a mains electricity output to said
9 consumer's premises;

10 a series combination of a coupling capacitor and a fuse

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11 connected between said mains electricity input and a signal
12 input/output line;

13 a second inductor connected between said signal
14 input/output line and ground, said second inductor providing a
15 current path for blowing said fuse when said coupling capacitor
16 suffers a fault condition; and a series combination of a first
17 fuse and a first shunt capacitor connected between ground and
18 said mains electricity output;

19 wherein said first inductor includes a conductor wrapped
20 around at least one ferrite core; and

21 further including a second shunt capacitor and a second fuse
22 connected between ground and an intermediate point of said
23 conductor.

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1 B3 11. The communications apparatus as claimed in claim 10,
2 concluded wherein said conductor is wrapped separately around two parallel-
3 spaced elongated ferrite rods. --

In the Drawings:

Filed herewith is a separate letter addressed to the
Official Draftsperson requesting approval of amendments to FIGS.
1, 8, 9 and 10 and showing the requested changes in red on
sketches submitted in triplicate.